Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Project Division

Name of Work: Improvements to DWCC in Ward No. 08 and other SWM works in Kodigehalli

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	DWCC Building:								
1	KSRRB 200-9. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2(P.No.136, I.No.18.12 of PW,P&IWTD S.R 2017-17)								
	Basic Rate – 9.00, 11% = 0.99	9.00							
	Area weightage, ~~6.0%~~ S.T – 9.99	0.54							
	Sub ~~Total~~ A.W = 0.60	~~9.54~~	10.59					10.59	1525.00
	Building Area	1	12.00	12.00		**144.00**	**Sqm**	~~9.54~~	~~1374.00~~
2	KSRB 2-1.1: Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and nealty dressed as per specifications. Specification No.KBS 2.1(a)/2.3.1. (P.No.5, I.No.2.1 of PW,P&IWTD								
	Basic Rate – ~~9.00~~ 157, 21% = ~~39.99~~	~~157.00~~							
	Area weightage, ~~6.0%~~ S.T = 189.42	~~9.42~~							
	Sub Total A.W 6% = 11.40	~~166.42~~	201.37						
	10km Loading & unloading	100.00							
		~~266.42~~	301.37					301.37	39057.00
	Building Area	1	12.00	12.00	0.90	**129.60**	**Cum**	~~266.42~~	~~34528.00~~
3	KSRB 2-2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in **ordinary soil** not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No.KBS 2.1(a)/2.3.5. (P.No.5, I.No.2.3 of PW,P&IWTD S.R 2016-17)								
	Basic Rate – 189, 21% = 39.69	189.00							
	Area weightage, ~~6.0%~~ S.T – 228.69	11.34							
	~~Sub Total~~ A.W 6% = 13.72	~~200.34~~	242.42						
	10km Loading & unloading	100.00							
		~~300.34~~	342.41						
	Column Footing								
	F1	8	1.50	1.50	1.00	18.00			
	F2	2	1.20	1.20	1.00	2.88			
						20.88			
	Wall Foundation								
	long wall	2	10.00	0.75	0.60	9.00			
	Short wall	2	6.00	0.75	0.60	5.40			
	partition	2	4.50	0.75	0.60	4.05			
						18.45			
	For compound	2	12.00	0.75	0.60	10.80			
		2	12.00	0.75	0.60	10.80			
						21.60			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Deduction	4	1.50	0.75	0.10	0.45			
		2	1.20	0.75	0.10	0.18			
						0.63			
						2.45			
				total qty		19.52		6242.41	121839.00
						19.52	**Cum**	**~~5159.02~~**	**~~100694.00~~**
6	KSRB - 5.2.3: Providing and constructing granite size stone masornry in foundation cement mortar 1:6, stone hammerd dressed in courses not lss than 20 cms high, bond stones at two m.apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD SR 2016-17)								
	Basic Rate- 4187, 21-1.=879.27 ~~879.27~~	4187.00							
	Area weightage, ~~6.0%~~ ST-5066.27 ~~5066.27~~	251.22							
	Sub Total AW 6% = 303.98	~~4438.22~~	5370.25						
	Wall Foundation								
	long wall	2	10.00	0.60	0.60	7.20			
	Short wall	2	6.00	0.60	0.60	4.32			
	partition	2	4.50	0.60	0.60	3.24			
	For compound	2	12.00	0.60	0.60	8.64			
		2	12.00	0.60	0.60	8.64			
						32.04		5370.25	172063.00
						32.04	**Cum**	**~~4438.22~~**	**~~142201.00~~**
7	KSRB - 5.3.3: Providing and constructing grantie / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No.23, I.No.5.9 of PW, P&IWTD SR 2016-17)								
	Basic Rate- 5005, 11%=550.55	5005.00							
	Area weightage, ~~6.0%~~ ST=5555.55	300.30							
	Sub Total AW=6%=333.33	~~5305.30~~	5888.88						
	Wall Foundation								
	long wall	2	10.00	0.45	0.40	3.60			
	Short wall	2	6.00	0.45	0.40	2.16			
	partition	2	4.50	0.45	0.40	1.62			
	For compound	2	12.00	0.45	0.40	4.32			
		2	12.00	0.45	0.40	4.32			
						16.02			
	For Flagging Course								
	Shanthivana layout								
	3rd cross	2	186.00	0.40	0.20	29.76			
	4th cross	2	182.00	0.40	0.20	29.12			
	5th cross	2	172.00	0.40	0.20	27.52			
	Amco Layout - 1st main								
	2nd cross	2	72.00	0.40	0.20	11.52			
	3rd cross	2	70.00	0.40	0.20	11.20			
	4th cross	2	61.00	0.40	0.20	9.76			
	3rd main								
	1st cross	2	67.00	0.40	0.20	10.72			
	2nd cross	2	68.00	0.40	0.20	10.88			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	connecting road	2	68.00	0.40	0.20	10.88			
	16th cross CQAL Layout	2	195.00	0.40	0.20	31.20			
	8th main, 16th cross	2	240.00	0.40	0.20	38.40			
					188.48	~~220.96~~			
	Add 40% for low lying area				75.39	~~66.29~~			
					263.87	~~287.25~~			1648251.00
					279.89	~~303.27~~	Cum	~~5305.30~~	~~1608928.00~~
								5888.88	
8	KSRB - 4-1.6: Providing and laying in position plain cement concrete of mix M-15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates at 0.78cum and fine aggregates at 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, plinth and cills including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. (P.No.12 I.No.4.6 of PW,P&IWTD SR 2016-17)								
	Basic Rate = 5441.00, 21% = 1142.61	5441.00							
	Area weightage, ~~6.0%~~ ST = 6583.61	326.46							
	Sub Total AW = 6% = 395.02	~~5767.46~~	6978.63						
	For cills								
	W	4	1.80	0.20	0.10	0.14			
	coping								
	long wall	2	10.00	0.45	0.10	0.90			
	Short wall	2	6.00	0.45	0.10	0.54			
	partition	2	4.50	0.45	0.10	0.41			
	For compound	2	12.00	0.45	0.10	1.08			
		2	12.00	0.45	0.10	1.08			
	For sump	1	2.00	2.00	0.10	0.40			
						4.55		6978.63	
						4.55	**Cum**	~~5767.46~~	~~26236.00~~
									31746.00
9	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW,P&IWTD SR								
	Basic Rate = 231.00, 21% = 48.51	231.00							
	Area weightage, ~~6.0%~~ ST = 279.51	13.86							
	Sub Total AW = 6% = 16.77	~~244.86~~	296.28						
	Column Footing								
	F1 No = 4	32	1.50	--	0.30	14.40			
	F2 No = 2	8	1.20	--	0.30	2.88			5120.00
						17.28	**Sqm**	~~244.86~~	~~4231.00~~
								296.28	
10	KSRB - 4.6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.15, I.No.4.31 of PW, P&IWTD SR 2016-17)								
	Basic Rate = 293.00, 21% = 61.53	293.00							
	Area weightage, ~~6.0%~~ ST = 354.53	17.58							
	Sub Total AW = 6% = 21.27	~~310.58~~	375.80						
	Plinth beam								
	Long wall	4	10.00	--	0.90	36.00			
	Short wall	4	6.00	--	0.90	21.60			
		4	4.50	--	0.90	16.20			

SI No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						73.80	Sqm	~~310.58~~	~~22921.00~~
								375.80	27734.00
11	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2. (P.No.16, I.No.4.32 of PW,P&IWTD SR								
	Basic Rate 366.00, 21% = 76.86	366.00							
	Area weightage, ~~6.0%~~ ST = 442.86	21.96							
	Sub Total AW – 6% = 26.57	~~387.96~~	469.43						
	Columns upto Foundation-Ground level								
	C1 (0.20+0.45=0.65)	16	0.60	--	1.05	10.08			
	C2 (0.20+0.20=0.40)	4	0.40	--	1.05	1.68			
	Columns above ground up to GF								
	C1 (0.20+0.45=0.65)	16	0.60	--	3.20	30.72			
	C2 (0.20+0.20=0.40)	4	0.40	--	3.20	5.12			
	For sump	1	2.00	2.00	--	4.00			
	for rest room	1	1.50	1.20	--	1.80		469.43	25068.00
						53.40	**Sqm**	~~387.96~~	~~20717.00~~
12	KSRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides and soffits of beams, beam haunchings, cantilever, girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.34 of PW,P&IWTD SR 2016-17)								
	Basic Rate 256, 21% = 53.76	256.00							
	Area weightage, ~~6.0%~~ ST = 309.76	15.36							
	Sub Total AW = 6% = 18.59	~~271.36~~	328.35						
	Lintel Beam								
	Long wall	2	10.00	--	0.50	10.00			
	Short wall	2	6.00	--	0.50	6.00		328.35	5254.00
						16.00	**Sqm**	~~271.36~~	~~4342.00~~
13	KSRB - 4.2.8: Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Speceification No. KBS 4.1,4.6. (P.No.14, I.No 4.13 of PW, P&IWTD S.R 2016-17)								
	Basic Rate 6158, 21% = 1293.18	6158.00							
	Area weightage, ~~6.0%~~ ST = 7451.18	369.48							
	Sub Total AW = 6% = 447.07	~~6527.48~~	7898.25						
	Column Footing								
	F1	8	1.50	1.50	0.50	9.00			
	F2	2	1.20	1.20	0.50	1.44			
						10.44			
	Plinth beam								
	Long wall	2	10.00	0.30	0.30	1.80			
	Short wall	2	6.00	0.30	0.30	1.08			
						2.88			
	Columns upto Foundation- GF level								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	C1 (0.23+0.45)	8	0.20	0.40	1.05	0.67			
	C2 (0.23+0.23)	2	0.20	0.20	1.05	0.08			
						0.76			
	Columns ABOVE GROUND level								
	C1 (0.2+0.60)	8	0.20	0.40	3.20	2.05			
	C2 (0.2+0.45)	2	0.20	0.20	3.20	0.26			
						3.82			
	Lintel								
	Long wall	2	10.00	0.20	0.15	0.60			
	Short wall	2	6.00	0.20	0.15	0.36			
						0.96			
	Outside platform	2	14.00	2.00	0.125	7.00			
		2	6.00	2.00	0.125	3.00			
						10.00			
	For sump	1	2.00	2.00	0.15	**0.60**			
	for rest room	1	1.50	1.20	0.15	**0.27**			
					Net Qty	29.72		7898.25	
						29.72	Cum	~~6527.48~~	~~194010.00~~
									234752.00

14	KSRB 4.2.10: Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.5175cum and fine aggregates @ 0.345cum, with superplastisiser @ 0.225lts machine mixed, well compacted for plain chajja of 7.5cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No.KBS 4.1, 4.6. (P.No.14, I.No.4.19 of PW,P&IWTD SR 2016-17)								
	Basic Rate 456, 21% = 95.76	456.00							
	Area weightage, ~~6.0%~~ ST = 551.76	27.36							
	Sub Total AW = 6% = 33.11	~~483.36~~	584.87						
	Chajja								
		4	1.50	--	0.45	2.70			
		1	3.00	--	0.45	1.35		584.87	2369.00
						4.05	**Sqm**	~~483.36~~	~~1958.00~~

15	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.No.17, I.No.4.46 of PW, P&IWTD SR 2016-17) (Rate As per Quarter rate issued by the PWD on 01-07-2017)								
	Basic Rate 60607, 21% = 12727.47	60607.00							
	Area weightage, ~~6.0%~~ ST = 7334.47	3636.42							
	Sub Total AW = 6% = 4400.07	~~64243.42~~	77734.54						
	Ground Floor		Qty	Per Kg	Total Qty in tonne				
	Footing		10.44	60.00		0.63			
	Plinth Beam		2.88	90.00		0.26			
	Columns		3.82	150.00		0.57			
	Lintels		0.96	80.00		0.08			
	Chejja		4.05	30.00		0.12			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For Sump		0.60	100.00		0.06			
	for rest room		0.27	100.00		0.03			
						1.74		~~77734.54~~	
						1.74	**Tonne**	~~**64243.42**~~	~~**111996.00**~~
									135515.00
16	KSRB 5-14: Providing and constructing Precast concrete solid blocks with compressive strenght not less than 35Kg/sqm with cement mortar 1:4 masonry (quion, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms confirming to IS:2185/1965 in superstructure including cost of materials, labour charges, scalffolding, curing etc., complete as per specifications. (P.No.25, I.No.5.27.1 of PW,P&IWTD								
	Basic Rate ~~937, 21%=196.77~~	937.00							
	Area weightage, ~~6.0% ST=1133.77~~	56.22							
	Sub Total ~~AW=6%=66.03~~	~~**993.22**~~	1201.80						
	Long wall	2	10.00	--	3.20	64.00			
	Short Wall	2	4.30	--	3.20	27.52			
	Partition wall	2	4.50	--	2.40	21.60			
						113.12			
	For compound	2	12.00	--	2.40	57.60			
		2	12.00	--	2.40	57.60			
						115.20			
	For sump	4	2.00	--	2.00	**16.00**			
	for rest room	1	1.80	--	2.40	**4.32**			
	Deduction								
	W	4	1.50	--	1.20	7.20			
	D1	1	2.40	--	2.10	5.04			
	Gate	1	5.00	--	2.40	12.00			
						24.24			
					Net Qty	224.40		1201.80	269683.00
						224.40	**Cum**	~~**993.22**~~	~~**222879.00**~~
17	KSRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortor 1:6, to brick masonry including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.114, I.No.15.17 of PW,P&IWTD SR 2016-17)								
	Basic Rate 198, 21%=41.58	198.00							
	Area weightage, ~~6.0%~~ ST=239.58	11.88							
	Sub Total ~~AW=6%=14.37~~	~~**209.88**~~	253.95						
	External wall plastering								
	Long wall	2	10.00	--	3.20	64.00			
	Short Wall	2	6.00	--	3.20	38.40			
						102.40			
	For compound	4	12.00	--	2.40	115.20			
		4	12.00	--	2.40	115.20			
						230.40			
	For sump	4	2.00	--	2.00	**16.00**			
	Deduction	Coff							
	W	0.50	4	1.50	1.20	3.60			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	D	0.50	1	2.40	2.10	2.52			
	Gate	2	5.00	--	2.40	24.00			
						30.12			
					Net Qty	327.32		253.95	
						327.32	Sqm	~~209.88~~	~~68698.00~~
									83124.00
18	Water proofing the inside surface of tanks (OHT & UGT) - applying of modified polymers soft acrylic esters coat @0.40 kg/sqm in 2 coats including all labour charges tools and equipments, all complete as per the specification.. (P.No.67, I.No.10.5.3 of PW,P&IWTD SR 2016-17)								
	Basic Rate = 289.00, 21% = 59.85	285.00							
	Area weightage, ~~6.0%~~ ST = 344.85	17.10							
	Sub-Total AW = 6% = 20.69	~~302.10~~	365.54						
	For sump wall	4	2.00	--	2.00	**16.00**			
		1	2.00	2.00	--	**4.00**			
					Net Qty	20.00		365.54	7311.00
						20.00	Sqm	~~302.10~~	~~6042.00~~
19	KSRB 15-3.3: Providing 12mm thick cement plaster in single coat with cement mortor 1:6, to brick masonry including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.11of PW,P&IWTD SR 2016-17)								
	Basic Rate 150, 21% = 31.50	150.00							
	Area weightage, ~~6.0%~~ ST = 181.50	9.00							
	Sub Total AW = 6% = 10.89	~~159.00~~	192.39						
	Internal wall plastering								
	LONG WALL	2	10.00	--	3.20	64.00			
	SHORT WALL	2	5.60	--	3.20	35.84			
	Partition wall	4	4.50	--	2.40	43.20			
	for rest room	2	1.80	--	2.40	8.64			
						151.68			
	Deduction	Coff							
	W	0.50	4	1.50	1.20	3.60			
	D	0.50	1	2.40	2.10	2.52			
						6.12			
					Net Qty	145.56		192.39	28004.0
						145.56	Sqm	~~159.00~~	~~23144.00~~
20	KSRB - 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.No.115, I.No.15.33 of PW,P&IWTD SR 2016-17)								
	Basic Rate 25, 21% = 5.25	25.00							
	Area weightage, ~~6.0%~~ ST = 30.25	1.50							
	Sub Total AW = 6% = 1.82	~~26.50~~	32.07						
	Quantity same as Internal Plastering	--	--	--	--	**145.56**	Sqm	32.07 ~~26.50~~	4667.0 ~~3857.00~~
21	KSRB 15-16.1: Providing and finishing external walls in two coats with water proof cement paint of approved brand and shade to give and even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (with primer) (P.No.118, I.No.15.53.2 of PW,P&IWTD SR 2016-								
	Basic Rate 84.00, 21% = 17.64	84.00							
	Area weightage, ~~6.0%~~ ST = 101.64	5.04							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Sub Total AW = 6% = 6.10	~~89.04~~	107.74						
	Quantity same as External Plastering	--	--	--	--	327.32	Sqm	107.74 ~~89.04~~	~~29145.00~~ 35265.00
22	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand and shade on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (With primer) (P.No.117, I.No.15.51.2								
	Basic Rate = 90.00, 21% = 18.90	90.00							
	Area weightage, ~~6.0%~~ ST = 108.90	5.40							
	Sub Total AW = 6% = 6.53	~~95.40~~	115.43						
	Quantity same as Internal Plastering	--	--	--	--	145.56	Sqm	115.43 ~~95.40~~	16803.00 ~~13886.00~~
23	KSRB 14.7-2 : Providing and laying red oxide flooring 40 mm thick, with an under layer of 30mm thick M-15 cement concrete, using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with 1:3 cement mortar mixed with red oxide (using 3.5 kg of red oxide per 50 kg of cement) finished with floating coat of neat cement mixed with red oxide (mix of same proportion) , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.3 (P.No.102, I.No.14.9. of PW,P&IWTD SR 2012-17)								
	Basic Rate = 578.00, 21% = 121.38	578.00							
	Area weightage, ~~6.0%~~ ST = 699.38	34.68							
	Sub Total AW = 6% = 41.96	~~612.68~~	741.34						
	inside	1	9.60	5.60	--	53.76		741.34	39855.00
						53.76	Sqm	~~612.68~~	~~32938.00~~
24	KSRB - 7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (P.No.32, I.No.7.9 of PW, P&IWTD SR 2016-17)								
	Basic Rate = 78.00, 21% = 16.38	78.00							
	Area weightage, ~~6.0%~~ ST = 94.38	4.68							
	Sub Total AW = 6% = 5.66	~~82.68~~	100.04						
	W	4	1.50	--	1.20	7.20			
						7.20		100.04	15126.00
	Consider weight 21kg/sqm	--	--	--	--	151.20	Kgs	~~82.68~~	~~12501.00~~
25	KSRB 15-18.2: Providing and applying enamel metal paint two coats (Excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materails, labour, complete as per specifications.(P.No.121 I.No.15.74								
	Basic Rate = 82.00, 21% = 17.22	82.00							
	Area weightage, ~~6.0%~~ ST = 99.22	4.92							
	Sub Total AW = 6% = 5.95	~~86.92~~	105.17						
	For Window Grill Painting								
	W	8	1.50	--	1.20	14.40			
	D	2	2.40	--	2.10	10.08		105.17	2575.00
						24.48	Sqm	~~86.92~~	~~2128.00~~

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
26	KSRB - 7.10:Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm.with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3mm, thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick,weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm.thick plain glass for shutters fitted with rubber beading aluminium sections anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tennoned and rivetted in the assembled frame stiffened with end clip at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any rust and coated with greasy for non adhesion of mortor and other sticky materials: (this coating should be cleaned after installation) inclduing cost of materials, fixutres, labour and HOM at machinery compelte as per specification no. KBS. Using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyster grade powder of approved quality. (P.No.32 & 33, I.No.7.10.2 of PW,P&IWTD SR 2016-17)								
	Basic Rate = 3898.00, 21% = 818.58	3898.00							
	Area weightage, ~~6.0%~~ ST = 4716.58	233.88							
	Sub Total AW = 6% = 282.99	~~4131.88~~	4999.57						
	W	4	1.50	--	1.20	7.20		4999.57	
						7.20	**Sqm**	~~4131.88~~	~~29750.00~~ 35997.00
27	KSRB 7.3 : Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates at the junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specifications. Double leaf door of size 2.4x2.4m. Specification No. KBS 7.9 / 7.12. (P.No. 31, I.No. 7.3 of CSR 2016-17)								
	Basic Rate = 2332.00, 21% = 489.72	2332.00							
	Area weightage, ~~6.0%~~ ST = 2821.72	2139.92							
	Sub Total AW = 6% = 169.30	~~2471.92~~	2991.02						
	D	1	2.40	--	2.10	5.04		2991.02	15075.00
						5.04	**Sqm**	~~2471.92~~	~~12458.00~~
28	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isophalic Gelcoat and on layer of 45 gsm E - Glass chopped strand Mat (CSM), impregnated with orthopthalic polyster resin.The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core materials, the Salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV/TIFAC Composites Design centre Standards and specifications and the door shutters tested in confirmation to IS 4020-1994. The finish of shutters will be plain colour White/Ivory/Beige/Light Grey or any other colour using high quality pigments. Exclusing								
	Basic Rate = 3200, 21% = 672	3200.00							
	Area weightage, ~~6.0%~~ ST = 3872	192.00							
	Sub Total AW = 6% = 232.32	~~3392.00~~	4104.32						
		Sqm							
	Ground Floor								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	D1								
			1	0.75	--	2.10	1.58	4104.32	
							1.58	~~3392.00~~	~~5342.00~~
									6464.00
29	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. (P.No.57, I.No.9.80 of PW,P&IWTD SR 2016-17)								
	Basic Rate = 1054.00, 21% = 221.34	1054.00							
	Area weightage, ~~6.0%~~ ST = 1275.34	63.24							
	Sub Total AW = 6% = 76.52	~~1117.24~~	1351.86						
		Sqm							
	Ground Floor								
	D1		1				1.00	1351.86	1352.00
							1.00	~~1117.24~~	~~1117.00~~
30	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.. (P.No. 300, I.No. 38.30 of CSR 2016-17)								
	Basic Rate = 770.00, 21% = ~~161.70~~	770.00							
	Area weightage, ~~6.0%~~ ST = 931.70	46.20							
	Sub Total AW = 6% = 55.90	~~816.20~~	987.60						
		1	11.00	--	7.00	77.00		987.60	76045.00
						77.00	**Sqm**	~~816.20~~	~~62847.00~~
31	Fabricating, supplying & erecting M.S. angular Truss of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification (P.No. 41, I.No. 7.30 of CSR 2016-17)								
	Basic Rate = 117.00, 21% = 24.57	117.00							
	Area weightage, ~~6.0%~~ ST = 141.57	7.02							
	Sub Total AW = 6% = 8.49	~~124.02~~	150.06						
		1	11.00	--	7.00	77.00			
	50kg/sqm					3850.00		150.06	577747.00
						3850.00	**Sqm**	~~124.02~~	~~477477.00~~

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
32	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P.No. 42, I.No. 7.37 of CSR 2016-17)								
	Basic Rate =2934.00, 21%=616.14	2934.00							
	Area weightage, ~~6.0%~~ ST=3550.14	176.04							
	Sub Total AW=6%=213.01	~~3110.04~~	3763.15						
	Gate	1	5.00	--	2.40	12.00		3763.15	
						12.00	**Sqm**	~~3110.04~~	~~37320.00~~
									45158.00
	Watersupply, Sanitary:								
33	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in hard soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No.KBS 2.1(a)/2.3.5. (P.No.5, I.No.2.4 of PW,P&IWTD S.R 2016-17)								
	Basic Rate=283.00, 21%=59.43	283.00							
	Area weightage, ~~6.0%~~ ST=342.43	16.98							
	Sub Total AW=6%=20.55	~~299.98~~	362.98					362.98	1633.00
		Cum	1	15.00	0.50	0.60	4.50	~~299.98~~	~~1350.00~~
34	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specificifictions. (P.No.6, I.No.2.11 of PW,P&IWTD S.R 2016-17)								
	Basic Rate =76.00, 21%=15.96	76.00							
	Area weightage, ~~6.0%~~ ST=91.96	4.56							
	Sub Total AW=6%=5.52	~~80.56~~	97.48					97.48	439.00
		cum	1	15.00	0.50	0.60	**4.50**	~~80.56~~	~~363.00~~
35	KSRB 12-1.1 : Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specification. specification No.KBS 12.2.5/12.7. (P.No.70, I.No.11.2 of PW,P&IWTD S.R 2016-17)								
	Basic Rate =353.00, 21%=74.13	353.00							
	Area weightage, ~~6.0%~~ ST=427.13	21.18							
	Sub Total AW=6%=25.63	~~374.18~~	452.76					452.76	6791.0
		M	1	15.00	--	--	**15.00**	~~374.18~~	~~5613.00~~